

WHAT IS CLAIMED IS:

Claim 1:

A gas-insulated switch equipped with;

5 a breaking section comprising a fixed contact and a moving contact that can contact with and separate from the fixed contact, both installed in a ground vessel filled with insulation gas;

10 an operating device comprising a closing operation section that closes the fixed and moving contacts of the closing section and a breaking operation section that breaks the contacts; and

15 a shock absorber that absorbs the shock on the two contacts in the closing and breaking operations of the operating device;

the shock absorber being installed in the breaking section of the operating device; and the shock absorber absorbing the shock in both closing and breaking operations.

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Claim 2:

A gas-insulated switch equipped with;

25 a breaking section comprising a fixed contact and a moving contact that can contact with and separate from the fixed contact, both installed in a ground vessel filled

with insulation gas;

an operating device comprising a closing operation section that closes the fixed and moving contacts of the closing section and a breaking operation section that  
5 breaks the contacts; and

a shock absorber that absorbs the shock on the two contacts in the closing and breaking operations of the operating device;

10 the breaking operation section of the control unit being equipped with a breaking spring; the shock absorber being installed in the breaking spring; and the shock absorber absorbing the shock in both closing and breaking operations.

15 **Claim 3:**

A gas-insulated switch according to Claim 1, wherein when the moving contact is in a closing action and in a breaking action, any load resulting from the action is not applied to the shock absorber in the course of the  
20 action.

**Claim 4:**

A gas-insulated switch according to Claim 2, wherein the shock absorber consists of a piston, rod end, and  
25 breaking spring guide, all of which are installed inside

the breaking spring of the breaking operation section.

Claim 5:

5       A gas-insulated switch according to Claim 1 or Claim  
2, wherein

the operating device closes and breaks the fixed and moving contacts with the aid of an operating rod, and the moving direction of the operating rod is equal to that of the shock absorber.

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Claim 6:

15       A gas-insulated switch equipped with;  
a breaking section comprising a fixed contact and a moving contact that can contact with and separate from the fixed contact, both installed in a ground vessel filled with insulation gas;

20       an operating device comprising a closing operation section that closes the fixed and moving contacts of the closing section and a breaking operation section that breaks the contacts; and

25       a shock absorber that hydraulically absorbs the shock on the two contacts in the closing and breaking operations of the operating device; the shock absorber adjusting the shock in the closing and breaking operations by adjusting the hydraulic pressure; and the shock absorber absorbing

the shock in both closing and breaking operations.

Claim 7:

5           A gas-installed switch according to Claim 6, wherein  
the hydraulic throttle of the shock absorber can be  
adjusted externally.

Claim 8:

10           A gas-insulated switch equipped with a fixed contact  
and a moving contact that can contact with and separate  
from the fixed contact; wherein  
              there are provided a shock absorber that brakes the  
moving contact in the breaking action and closing action  
of the moving contact, and  
15           an output lever that is linked with the moving contact;  
              the shock absorber being installed at a position in  
either of the moving directions of the output lever.

Claim 9:

20           A gas-insulated switch according to Claim 8, wherein  
              the output lever rotates, and the shock absorber is  
installed at a position in either of the rotating  
directions of the output lever.